Parker Balbach

P / B

Date of birth: August 29 1994
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Career Objective

Recent Computer Science graduate with over a year of hands-on experience building and testing applications using multiple tools and programming languages. Experienced with several programming languages (Python, React, Java, JavaScript, CSS, HTML, PHP, Kotlin, C, C#, C++, and SQL). Experienced with working in an agile team environment; as well as using a test driven development process. Worked with/as all roles in a Scrum system. Have worked with several different tools and frameworks(MySQL, Git, AWS, Firebase, Maven, Spring Boot, Docker, and Jira) Seeking to use my development experience in an entry-level position.

Education

2019 – 2023

Computer Science | Bachelor's
Boise State University
- Worked on a team to develop a new software application
- Learned several different development tools including but not limited to Docker, Maven, Git, and MySQL
- Successfully completed coursework involving Data Structures, Computer Architecture, Operating Systems, Web Development, Data Bases, Mobile Development and Algorithms
- Learned Design principles for Object-oriented programming, Scripting languages, Procedural programming languages, and Functional programming languages

Work Experience

10/2021 – 03/2023

Data Analytics Intern
Idaho Transportation Department
While being a data analytics intern I played a major role in the development of a tool that is used to predict whether or not a road needs to be shut down during short periods of the winter months to prevent costly damage. I also gained experience in developing solutions to problems through data analysis and communicating my findings to stakeholders clearly and concisely.

01/2023 – 05/2023

Software Developer
Boise State University
During this period I worked with a team to develop an application that tracks and visualizes wildfire data throughout the United States. This application is used by researchers throughout the entire country. Several different tools and languages were used in the creation of the application. Mainly Python, React, and Docker. https://fpafod.boisestate.edu/Data